

PVB120G12Q-P01-01 Foxconn 12VDC 4-Wire PWM Blower Fan Datasheet



Brand: Foxconn

SKU: [742269764150](#)

Category: Axial & Centrifugal Fans

Price: **\$21.99**

E-mail: sales@equipspares.com

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Product Description

The Foxconn PVB120G12Q-P01-01 is a high-static pressure centrifugal blower designed for critical thermal management in desktop computing systems. Engineered with a robust DC motor architecture, this unit delivers concentrated airflow to overcome high thermal impedance within dense chassis environments like the Lenovo Tianyi 510S. The assembly features a 4-wire PWM interface, allowing for precise speed modulation based on real-time CPU temperature data, ensuring an optimal balance between acoustic performance and cooling efficiency. Its structural rigidity and aerodynamic volute design maximize air velocity through the heatsink fins, effectively dissipating heat from LGA 115X processors under load.

Model Number: PVB120G12Q-P01-01

Brand: Foxconn

Product Type: Centrifugal Blower Fan Assembly

Rated Voltage: 12VDC

Rated Current: 1.20A

Power: 14.40 W

Connector: 4-Wire

Speed Control: PWM

Application: Lenovo Tianyi 510S / LGA 115X

Assembly Length: 145 mm

Assembly Width: 100 mm

Assembly Height: 80 mm

Cooling Type: Side-Blowing Turbo

Housing Material: Industrial Thermoplastic / Metal Heatsink

Mounting: LGA 115X Universal

The PVB120G12Q-P01-01 is primarily utilized in compact desktop workstations and consumer PC towers requiring efficient side-blowing thermal solutions. Specifically engineered for the Lenovo Tianyi 510S series, this cooling assembly fits restricted spaces where traditional axial fans may not provide sufficient static pressure. The PVB120G12Q-P01-01 ensures stable operation for central processing units by directing heated air towards chassis exhaust vents, making it ideal for office computing environments and multimedia centers dependent on reliable thermal regulation.

Supplemental Images

